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ICC-ES Listing Report

ESL-1068

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Issued 05/2016

This listing is subject to renewal 05/2017.

DIVISION: 06 00 00—WOOD, PLASTICS AND COMPOSITES

SECTION: 06 50 00—STRUCTURAL PLASTICS

SECTION: 06 63 00—PLASTIC RAILINGS

REPORT HOLDER:

TREX COMPANY, INC.

**160 EXETER DR.
WINCHESTER, VA 22602**

EVALUATION SUBJECT:

WOOD THERMOPLASTIC COMPOSITE LUMBER DECK BOARDS



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CSI: DIVISION: 06 00 00—WOOD, PLASTICS AND COMPOSITES
Section: 06 50 00—Structural Plastics
Section: 06 63 00—Plastic Railings

Product Certification System:

The ICC-ES product-certification system includes evaluating reports of tests of standard manufactured product, prepared by accredited testing laboratories and provided by the listee, to verify compliance with applicable codes and standards. The system also involves factory inspections, and assessment and surveillance of the listee's quality system.

Product: WOOD THERMOPLASTIC COMPOSITE LUMBER DECK BOARDS

Listee: TREX COMPANY, INC.
160 EXETER DRIVE
WINCHESTER, VIRGINIA 22602
(540) 542-6300
www.trex.com

Evaluation: The Trex® Transcend®, Enhance®, and Select® deck boards wood thermoplastic composite lumber deck boards were evaluated when tested at 1 inch (25.4 mm) nominal thickness for Transcend® and Enhance® and 7/8 inch (22.2 mm) nominal thickness for Select®, respectively, to the following standards:

- UL 723-2008 (with Revisions through September 2010), Standard for Test for Surface Burning Characteristics for Building Materials, Underwriters Laboratories, Inc.
- ASTM E84-2013a, Standard Test Method for Surface Burning Characteristics of Building Materials, ASTM International.

Findings: The Trex® Transcend®, Enhance®, and Select® wood thermoplastic composite lumber deck boards have a flame-spread index less than 200, based on testing in accordance with UL 723/ASTM E84, and is limited to exterior use, as referenced in the applicable sections of the following code editions:

- 2015 *International Building Code*®
Applicable Section: 2612.3
- 2015 *International Residential Code*®
Applicable Section: R507.3.2

Identification: The Trex® Transcend®, Enhance®, and Select® wood thermoplastic composite lumber deck boards described in this listing report is identified by a label on the packaging, bearing the Trex Company, Inc., name and address, the product name, the allowable span, the ICC-ES evaluation report number ([ESR-3168](#)) and/or the listing report number (ESL-1068), and when applicable, the ICC-ES Listing Mark.

Installation: The Trex® Transcend®, Enhance®, and Select® wood thermoplastic composite lumber deck boards must be installed in accordance with the Trex Company, Inc.'s published installation instructions and applicable codes.

Conditions of listing:

1. Additional attributes and their applications can be found in the ICC-ES Evaluation Report, [ESR-3168](#).
2. The listing addresses only conformance with the standards and code sections noted above.
3. Approval of the product's use is the sole responsibility of the local code official.
4. The listing applies only to the materials tested and as submitted for review by ICC-ES.